PIFANS (MINTY MONITOR

VOL. 1.

BARTON, VERMONT, MONDAY, SEPTEMBER 30, 1872.

NO. 39.

BUSINESS DIRECTORY.

A. D. MASSEY. DRACTICAL MASON, Coventry, Vermont. J. F. WRIGHT, Dhysician and Surgeon. Office over (

Office over Grandy, Skinnel & Parker's store. Thronic diseases a Specialt Barton Landing, Vt. DR. O. A. BEMIS.

I OM GOPATHIC PHYSICIAN AND SURGEON Craftsbury, Vermont.

DR. PARKHURST,

AINTER & GLAZIER, Graining, Whitewashing and Paper Hanging done in the best style and L. R. WOOD, JR.

PANCY PAINTER, Particular attention paid to Fancy sign Writing, lettering Banners, Mottoes, Frestoling and General Ornamenting, Drawing, Drafting, Sketching and Designing. Orders solicited, 8

Barton, Vermont J. J. HILL,

SUCCESSOR TO F. P. CHENEY, will continue to sell a Large Variety of Sewing and Knitting Ma-hines. Orders solicited. Barton, Vt. 8 CUTLER & GOSS, MANUFACTURERS of Carriages and Sleighs, Greensboro, Vt.

MISS A. J. CUTLER, E. G. STEVENS,

Barton Landing, Vt M. J. SMITH, PROPRIETOR of the Orleans County Marble Works
Foreign and American Marble, Gravestones

J. N. WEBSTER. THE INSURANCE AGENT, Barton, Vermont

PHOTOGRAPHER. Dealer in Stereoscopes, Views oval, square, and rustic Frames of all kinds. FRED. H. MORSE, AINTER. Painting, Glazing, Graining, White vashing and Paper-Hanging. All work done i est style and satisfaction guaranteed. Saws filed my early boyhood; relatively, they are

DALE & ROBINSON, TTORNEYS and Counselors at Law, Barton, V. J. L. WOODMAN,

DEALER IN BOOTS, SHOES, and findings of the best kind and quality. Offered cheap for cash, bre over A. & J. L. Twombly's. 2 MRS. GEO. C. DAVIS.

DANT AND VEST MAKER. A. & J. L. TWOMBLY, HOLESALE and retail dealers in Flour, Corn. Pork and Lard, Paints and Oils, Hardware,

est India Goods, Groceries, Butter and Cheese. Also m. L. Bradley's I. X. L. Phosphate and Sea Fowl Gu-AARON TWOMBLY. A. C. ROBINSON. W HOLESALE dealer in Flour, Grain, W. I. Goods, Groceries, Lime, Plaster, Oil, Fish, Salt, Iron, eel, Nails, Glass, &c., Depot Store, Barton, Vt.

WM. W. GROUT. A TTORNEY and Counselor at Law and Claim Agent.
Will attend the courts in Orleans and Caledonia
ounties, Barton, Vt.

W. W. EATON. A TTORNEY AT LAW and Solicitor in Chancery.
Will attend courts in Orleans and Caledonia
counties. Prompt attention given to collections.—

J. M. CURRAN, ARBER AND HAIR DRESSER, Barton, Vermont

MARTIN ABBOTT. WHEELWRIGHT, Carriage Maker and Genera Job Worker. Open and Top Buggles, and va-ious styles of carriages always on hand. Glover Vt

J. E. DWINELL. ANUFACTURER and dealer in Furniture of all kinds and descriptions, Carpets, Room Paper

NEW GOODS! MILLINERY

Fancy Goods. cluding all the latest styles from New York and Bos-

on; such as, Neopolitan, Straw, Chip Cactus, Sundowns and Linen hats, Bonnets of every style, Flowers, Ribbons, Laces, Edgings, Silks, Collars and a variety of Fancy Goods. DRESS MAKING

EXPERIENCED WORKMEN have made arrangements to receive goods from Nev York and Boston EVERY WEEK

THE LATEST STYLE LOWEST MARKET PRICES.

Barton, Vt., May 6th, 1872.

Blacksmithing

MRS. N. M. JEWELL.

The subscriber takes this method to inform the citizen West Glover, and vicinity, that he has taken the Shop and West Glover, where he is ready to do all kine

WORK.

with Promptness, Thoroughness and at fair prices.
J. G. MARTIN. West Glover, May 10, 1872.

OLD PICTURES COPIED

at the lowest possible price.

Do Not be Humbugged

by sending your old pictures away by strangers who represent that they will do copying less than any one else, as I will agree to copy

20 PER CENT. LESS

for the same quality of work) than any such parties.
J. N. WEBSTER,

MR. GREELEY'S ADDRESS AT THE VERMONT STATE FAIR.

THE FIELD OF IMPROVEMENT IN AG-

accounted far less. Of the more intel-

lectual, capable, aspiring youth of our

state. I apprehend that but a small pro-

portion choose and follow the farmer's

vocation; and I judge that this propor-

tion is still diminishing. I cannot be

mistaken in my assumption that no more

than a moderate percentage of the Ver-

seminary are expecting and aspiring to

be farmers, even when agriculture is, or

was, their father's vocation: and of this

pursue that calling elsewhere than upon

I did not resist the constant, silent, ir

repressible impulse which has led and

is leading so many of the sons and dangh-

homes elsewhere than upon her soil. It

was best neither for them, for their coun-

try, nor for mankind, that all to whom

clung obstinately, persistently, like

began to be. I have been widely mis-

represented as urging every one to "go

to those who cannot find satisfactory

work and adequate bread in the East.

If you have or can secure all you need

school-house, church, store, mills, &c.,

western prairie, where everything seems

to the unfamiliar eye, coarse, ungenial,

repulsive. Time softens the harsh out-

which replace, in greater or less degree,

those which were relinquished by remov-

al: but when every mitigation, every

offset has been fairly considered, the

wrench given to the affections of even

the humblest New Englander by migra-

tion to the West is a great and perilous

ordeal; so that homesickness has killed

many a wife and mother who bravely

consented for her children's sake to be

torn up by the roots and transplanted

to Illinois or Iowa, whose attractions

life than by almost any others.

mont boys to-day foremost in school

RICULTURE.

the very staff of life. When I, a child of ten years, first But "the insect"—the weevil, midge, crossed the Connecticut on ice, in the winter of 1820-21, seeking opportunity growth of wheat in New England. I to earn my bread by helping to till the soil of Vermont, this state contained some 225,000 inhabitants, or 100,000 less than her present number. But the able-nay, I am not able-to trace the intervening half-century has witnessed a signal multiplication and growth of clew to that source in a fact related to her cities and villages, her quarrying and her manufactures, so that it is problate Gov. William F. Packer of Pennable that those who live by agriculture in this state are hardly more numerous, and may even be fewer, in 1872 than tributaries of the Susquehanna, up the they were in 1821. The area of her middle of which a highway ran for forty cultivation is doubtless larger and her years, with a narrow field in cultivation annual harvests more bounteous, while on either side. At length, the road was these command far better prices, in 1872 thrown up, and the entire width of the than in 1821; but very much work forvalley, roadway included, became one merly done in the field has been practifield which was sown to wheat. At cally transferred to the workshop and harvest-time, there was good, sound the factory; the mowing-machine and grain for the full width of the roadway. the horse-rake shortening as well as while the strip on either side was mere lightening the husbandman's toil in the straw and chaff-the grain having been meadows, but trebling the cost of the destroyed by an insect." It was someimplements by means of which he fills thing lacking in the soil which weakenhis barns-that is, transferring labor ed the plant and invited the ravages of from summer to winter-from the field the insect. to the shop-from the quiet, slow-mov-It is quite currently assumed in our it. ing, rural township to the bustling village. And yet the fact remains that agriculture is not advancing in-this state.-that when compared with other industries, it seems retrograding. Ab- Our boys do not choose to lift, and tug, solutely, its rewards are greater than in

day that our youth shun agriculture because they hate work. This assumption is one of those partial, imperfect truths which have the effects of falsehood .and strain, when the ends of such exertion can be attained without such expenditure of vital force-who ever did? As we come to think and reflect more, we learn to moderate our physical exer- yet, however, steam is the only force artion and be sparing of our muscular tificially evolved from dead, inorganic "Will it pay?" On this point, I proffforce. The untaught, unthinking slave matter which has been widely pressed raises his wheelbarrow to the top of his into the service of productive industry. observation and some little experience: head and carries it there: the school. Steam forges the hammers and cuts iron: taught freeman prefers to trundle it be- it converts animal and vegetable fibers fore him along the ground. The hav into every form and fashion of textile crop of to-day is saved with less than half the tax on human muscle freely than all the artisans and artificers on sac on the other, and you will note many paid by our grandfathers. Admit that earth could do without it. Steam is to- places where water might be taken out. minority, the larger number purpose to our boys do not choose to bend their back-bones into hoops and indurate their the hills or in the valleys of their native muscles into whip-cord, if they can achieve a comfortable livelihood other-Far be it from me to deprecate, since wise, I see nothing in this to provoke rapidly advancing. To dispense with en and fertilize the slope between it and invective or justify reproach. An intellectual ago una peopie naturally prefer to substitute animal or mechanical pow- from barbarism. ters of Vermont to seek employment and ers for that of human sinews, wherever it can do so with facility and manifest

Now, it is the simple, manifest truth this state has given birth should have that far greater progress in this substitution has been made in other industries barnacles, to the spot where they first than in agriculture. Commerce, which once employed wagons, and caravans, and row-boats, has nearly dispensed with West," when I give such counsel only these by the aid of wind and steamof sailing vessels, steam-ships, railroads and locomotives. Steam takes our cotton, corn, and other staples, from a stawhere you are, I advise you not to "go tion near the grower, puts it on ship-West." nor go anywhere, but remain | board by an elevator, speeds it across where you are: for pioneer life is rugged | an ocean, hoists it into the merchant's and toilsome at best, involving years of loft, and lowers it down again wherever prevalent hardship and privation. It it is wanted. Mind directs and guides, is hard for men, it often proves too hard while steam applies all the physical force for women, to find themselves suddenly that is needed. So in almost every detransferred from a snug, warm cot, cosi- partment of manufacture. The brainly nestled among these hills, with the power is of human origin: this commands, impels, and regulates all the within easy reach, to a rude cabin of other power required. In agriculture, logs or rough boards, located on a bleak | this is but partially, imperfectly paralleled; and agriculture loses in consequence the service of the brighter, abler portion of our youth. We must remedy line, revealing beauties and advantages this, not by fruitless, senseless railing at the boys for doing what seems to them fittest and most inviting, but by extending the conquests, by enlarging the domain of mechanical power.

Let me barely hint-for I can only take time to hint-at some of the directions in which this enlargement is to be sought and realized:

1. Wind .- For at least five thousand years, wind has played a leading part in navigation ; why not in cultivation ? Does nature afford any reason for re-WEST GLOVER. great as they are, could never wean her garding wind as inherently tractable from her fervent, absorbing love of the and serviceable on water but not on. more grow all her own again; she can lies lower than the highest point at white pine, etc., immediately. Give put in their grain, which will afford dew you sell?" land? Men have ground grain by wind was cradled. I do believe in going power for at least a hundred generations; geously grow more grain, and larger av- occasionally refreshed by the vivifying fence out your cattle, and they will need the land in its wild state, and build West; but I cannot recommend it to why not thresh it as well? Nay, why erage crops of it, I fully believe. The appliance. any who have passed the meridian of should it not press cheese, and turn chief obstacle of her grain-growing intheir days; and I deem its undeniable grindstone, and saw wood, and pump privations more lightly regarded, more water, and even, ultimately, plow fields? the qualities of her soil, but in its vi- ing juices that would naturally pass off, commonly supposed. Within six years, I see it in... easily bourne, by young couples just Who dreams that the inventions of the setting out to traverse arm-in-arm alike past bear any proportion to those of the the flowery and the thorny by-ways of imminent future? We have at length | side and a morass or sodden, weedy brook learned that such is the elasticity of air I have not meant to deny that the that a wind-mill running throughout the profitable growing of grain. Our last half-century has witnessed progress | the night, may thereby accumulate pow- | Eastern agriculture is too fragmentaryin the agriculture of this state; and I er to be expended during the ensuing a thing of shreds and patches. As I do not cite the fact that, whereas she day or days. Can you suppose that we sat beside a New England born farmer formerly grew her own bread-grain and shall much longer know this enormous in Illinois, and looked off across his somewhat more, she now buys the great- aggregate of power, which has hitherto quarter-section of dry, fertile prairie, er portion of it, as discreditable. If thrust itself into our very faces unre- mainly under fence, I asked him, "How she can make her bread cheaper by gra- garded or at least uncomprehended, to much corn do you grow annually?" zing than by plowing-by selling wool expend its energies in toppling over our and butter than by growing wheat and chimneys and blowing the apples from "None." "What area do you plant in rye-so be it. But when I call to mind our trees? I tell you this is not possi- a day?" "Fourteen acres." It would the interminable procession of wagons ble. I have nothing to say of A's or take a man a week, on an average, laden with the wheat of your northwest. B's or C's contrivance for utilizing the plant fourteen acres hereabout: and then ern counties that used to pass on their power of wind in the service of agricul- it would not be so well planted as by way to market at Troy or Albany, down ture. If you insist that all these are fan- the Ilinoisan's seed-drill, dropping and the turnpike in Westhaven beside which tastic and absurd, I shall not contradict covering two rows as fast as he wanted I was cutting brush and burning logs of | you; I shall only insist in my turn that | to walk.

luxuriently would now yield but half a crop, and that precariously, I halt, and discovered, soon will and must be.

ask whether that can be good farming which disqualifies land for producing | naturally abounds in springs and brooks | -in rippling streamlets and dashing cascades. All these are reservoirs of or fly-I hear it said, has stopped the power-for the most part unused, unregarded power. Our waterfalls, whether do not admit the apology. I regard the natural or artificial, will yet be employalleged cause of failure as itself an ef- ed to create (I should say transfer) powfect of bad husbandry. I may not be er, in the shape of compressed air; and this power will in time be used at long evil to its ultimate source; but I find a distances from the point at which it was pressed into the service of man. Espeme from his personal observation by the | cially in regions like this, where consid- of bogs, until ten to forty acres might erable streamlets often fall a hundred feet in a mile, will water be made to the narrow valley of one of the pretty play a prominent part in the creation or utilization of rne Hon. William D. Kelley, arguing to a southern audience the impolicy of slavery, asserted that a dozen men and dogs had often followed for days on the track of one lame negro, while waterpower equivalent to the muscular force of a thousand negroes ran to waste unregarded beside them. We smile at the folly thus forcibly exposed; but ample in the annually inundated valleys might not the smile be broadened into a laugh and turned against ourselves? From this to damming back water and If we lack the brain power to stop this monstrous waste, I feel sure that our grandchildren will possess and exercise

San Francisco will long be found inadeone road whereby we have

direct service to the farmer. It should and might have rendered much. Animal power is not merely slow and ineflonger used or needed may be oiled up and set away under shelter, where it need consume nothing until once more needed. If steam were as costly while in use as horse-power, this fact would render it immensely preferable. Never striking for higher wages nor fewer hours, steam will work unceasingly, uncomplainingly, from Monday morning till Saturday night, asking only to be fed, and drinking nothing stronger than

Our harsh, capricious climate, with its late and early frosts, its long frozen and then thoroughly sodden fields, invites to the use of steam. I have known Illinois and her neighbors to be visited with rain after rain in spring-time, so that scarcely an acre per township of plowing for corn had been effected by the middle of May. Now the sky clears, the soil dries, and everything invites to plowing and planting : but there is hardly time to put in half a crop before seeding must give way to cultivating, and the planted area can be no further enthe present number of acres may be fitted to receive the seed in a week; and so all the risk and loss to which a rainy season in spring now subjects us may be

heres not in her climate, nor even in cious topography. An arable, fertile acre or so, with a rocky ridge on one margin on the other, affords no scope for "About sixty acres." "With what help?"

that the means of utilizing it, if not yet | fact, and as such is to be respected. | corn parching and withering in the July | by more generous harvests. I hold that | four to six months of the time being But, while it cannot be overcome, it may sun. A brook large enough to run 11. Water-a hilly, woody country be modified. Here are two strips of small grist-mill came brawling and foamrich, arable soil, with a swampy inter- ing down from the adjacent hills, passthis year in potatoes, next year in corn, at its lower side. I am entirely confithen in oats, and then laid down in grass, or cropped in whatever rotation experience may suggest. If the arable fields of this state were thus enlarged, by the sweeping away of fences, the removal of superficial rocks, and draining be given to one crop, instead of a patch of one to five acres as at present, she

> Let ne indicate a few more points at which inprovement seems to me feasible

1. Irrigation .- This, the original ba

sis and incitement of tillage, is, in my view, one of its later requirements also. God taught men to prepare the earth and sow seel by setting them the exof the lower Nile and other rivers. thus keeping it for application to the soil when thirsty, is but a step : vet man was long in taking that step. present the great plain of Lombardy or 111. Steam. Whether steam may or upper Italy, sloping from the Alps to may not soon be superseded by electric- the Po, and crossed by the Adige, Minity or some other natural force, I can- cio, and many smaller tributaries, afnot stop here to consider. I cannot be- fords the best subsisting example of lieve that the power which sends mes- comprehensive, successful irrigation; sages in an instant from Stamboul to though Utah follows at some distance, and Colorado is following rather timidly quate or unfit to lighten the farmer's in Utah's footsteps. That irrigation is labor or to increase its product. As desirable in itself, no one doubts : the practical question to be answered is er some suggestions based on extensive

Follow any of the streams that start near the crest of the Green Mountains down to the Connecticut on the on fabric; it is to-day doing more work hand, or to Lake Champlain or the Hooday man's most useful servant; the ox by the help of a cheap dam or ditch and the horse do his bidding on a far and conducted along a hillside or across wider area; but their relative power is a swale or valley so as to be gradually declining, while that of steam is still let off in rills or petty rivulets to moiststeam would set us back a long stage on the stream whence it was taken. Very as the thirsty earth would drink it up But steam has as yet rendered little by the way. I estimate that of the total area of this state, 100,000 acres immediately, 1,000,000 ultimately, might thus be irrigated at an average cost of fective in comparison with this: it la- \$20 per acre and with an average inbeing costly while idly waiting through least \$5 per acre, or an interest on the weeks and months for the return of gen- investment of 25 per cent. There are ial weather; whereas a steam engine no doubtless gold mines in Utah or Colorado, as there possibly may be diamond mines in Arizona that would pay better interest than this, but I should prefer not to designate them. In fact, I do not know another enterprise which seems as that of irrigating the hillsides and intervales of this same Vermont.

even the smallest streamlet with a considerable fall in it; may experiment in irrigation on a small scale, as I have done, and satisfy himself that it pays, need an engineer; if you had one, he tell you where you can most easily dam lived to this day unconscious of the your stream so as to have a considerable truth that forests, at least in well setlarged. With steam plows, quadruple er, in order to have it ready for appli- grow mainly choice timber instead of are circulated, putting forth the unparcation when needed, and how you can inferior or indifferent. lead it off so as to irrigate the largest

Irrigation necessarily fertilizes. It have to wait thirty or forty years for saves to the land much of the nourish- some return for your investment, as is especially in times of thaw or flood, to be squandered upon rivers, bays and the ocean. I doubt that any irrigated field have at least two new ones start from is less fertile, or less productive to-day almost every stump, and grow far more than it was on the morning of creation. Ultimately, we shall supplement the flow of our streams by digging wells on the highest point in a large swale or plain and placing a self-acting windmill over each, shall set it to pumping up water by night or by day when wind serves, into a shallow reservoir by its side, whence, after being thoroughly warmed by the sun, it will be gradually the soil of this state might be applied drawn away to irrigate the field or fields | with profit—that the reclamation of wet | twenty dollars per month or from one to lying below. Were this done wherever lands by underdraining, the subsoiling three dollars per day. Through the it could be to profit, the annual product of fields where clay or loam would thus winter he can work at odd jobs until

vale separating them. Drain that ef- ed through the center of that corn-field ficiently, and you have a field of fifteen at a depression of a few feet below its or twenty acres, all of which may be average surface, and fell into the river dent that \$200 judiciously spent would uct, whether of grain or grass, henceforward until time shall be no more. Yet the owner went on plowing four or ing half a crop when rains were abundant and seasonable, with next to no crop at all when summers were dry and fasting and prayer-when a six weeks' ever may be thought of such theology, that husbandry was simply adominable. The prayer of faith which would have saved that corn crop must have been uttered with axes, spades, and shovels.

they palpably grow smaller and lighter. Not that trees were not made to be cut down and forests to give place to cultivated fields; I know they were, and rejoice in the dispensations. But between Stephen A. Douglass, borrowing an exthe clearing away of forests to give pression of Daniel Webster's remarked place to fruitful fields and happy homes that "Vt. was a noble state to emigrate on the one hand, and destroying all for- from ;" and this if rightly considered is ests, so that fields can no longer be no slender praise. A philosopher reckfruitful nor homes happy, there is a oned it among the chief blessings which and failures than any other cause. wide space; and the necessity which impelled our pioneer ancestors to destroy | well-born : and he is, in an important | to ten hundred dollars to make a begintrees as a life-work has rendered their sense, well-born, who has reason to be ning with and put the improvements descendants indiscriminate and reckless proud of the land in which his eyes first on, necessary to comfort, and to render in forest extermination. Our fathers opened to the light. And surely no son the cultivation of his land easy, can found trees in their way, and cut them even by adoption, of Vermont, ever re- take a homestead and at the close of out of it by wholesale; we go on doing garded her history without a glow of five years will be independent of debt as they did when their reasons for it no pride in her renown. longer serve us. I judge that Vermont has this day not only far less timber, she had probably more men and boys in who have this amount of money, buy but a smaller area devoted to growing the army which compelled the surrender land that has been improved, paying it, than she should have; that her fields of Burgoyne, than she had left at home from one to two thirds down and mortare becoming more arid, her streams with strength to raise and aim a musket, gaging the land for the balance at scantier and more capricious, because of and she never faltered in the darkest twelve percent, thus starting in debt the dearth of trees. Many a dairy far- hour of any subsequent struggle for and working on the short arm of the mer has said, "Away with the woods! freedom and right. She had no tories lever,-many soon become disgusted I can buy my fuel with the grass I can in the revolution, and no slave hunter cut on the ground they now cover,"- ever tracked his quarry to her soil and which is a grave mistake. Every farm- failed to be sent home baffled and defeat- raries. his acres covered with forest, and will tifies confidence as to her future. While average more grass, year by year, than our country maintains her liberty and if the owner had stripped his land bare her greatness, the virtues or of trees. Keep the crests of his ridges, will be a precious portion of the nationthe sides of his ravines, well covered al heritage; and if this country is deswith timber, and he will cut more grass | tined, in the providence of God, to illusbors under the capital disadvantage of crease of their annual product by at from 80 acres thus shielded from the trate the frailty of all things earthly drying up of its springs und slopes than and material-if corruption shall de if he had his whole 100 acres denuded bauch her legislation and palsy her man of trees and devoted to grass. This is ly strength-let us never doubt that the one of the few cases in which a part is last struggle of expiring liberty will be greater than the whole. But the farm- made among these green hills-that from ers of Vermont should not only preserve their summits the eagle will take flight their woods; they should study to im- to some land beyond the ocean where prove them. They ought long since justice is not bought and sold as mer to me so certain to yield a large profit to have begun to replace the glorious chandise, and man disdains to traffic in pine forests which they so madly anni- the rights of his fellow men. hilated; they ought to realize that 100 Almost any one who has on his farm acres of beach, red oak, hemlock, white birch, etc., etc., are worth far less than those same acres covered with white ash, black walnut, hickory, chestnut, locust, and white pine would be. And the cost before proceeding farther. You do not of transforming a comparatively worthless into a relatively choice and precious could not make the water run up hill: forest is far less, save in time, than is whereas it will run down hill at your generally supposed. Keep planting the solicitation as readily as though you better species as you cut out the worse, were the best engineer on earth. If you and your forest will gradually become try to make it run up hill, it will prove | worth \$500 per acre where it is now obstinate; respect nature and her laws worth but \$50. No man that has been and you will find her a trusty servant and educated up to a perception that applefriend. Your own observation will soon trees ought to be grafted should have

> body of water in spring and rainy weath- tled communities, should be made to gating two or three acres, and you will thousands of her farms should have little care or labor. And you will not house to live in. you may begin to cut hoop-poles, and by cutting these at the right time, you may rapidly and vigorously than from the seed. Believe me, there are few so safe and productive methods of investing

money for your children as by buying forests of young timber so situated as to be exempt from danger by fire, and by planting and caring for trees. It is my conviction that far more la- tough to rot readily. bor than has ever vet been bestowed on

of ten thousand farms in this state might be mingled with sand or gravel, the ap- spring when he can back-set his breakat which their owners now hold them. gypsum to hills, and to heavy clays of be ready to harvest in July and August, I was looking through Virginia some freshly burned, unslaked lime (especial- and generally yields from twenty to for-

Vermont may wisely proffer to many of spent entirely on the land and in harher industrious sons inducements to vesting, stacking and thrashing his grain. stay at home which should outweigh their inducements to seek homes elsewhere. But these propositions I barely suggest, leaving their consideration to the intelligent and forehanded yeomanry of this State. Should they respectively decide have sufficed to irrigate at least half of that they can afford to drain bogs and that corn-field, doubling its annual prod- plant trees, and subsoil, and fertilize as vigorously as I have on my own little farm, she will have at least half a million people at the taking of the next hires the money to get this done, payfive inches deep from year to year, grow- federal census in 1880. For though she ing from twelve to twenty-four per cent may never grow grain so luxuriantly or interest; gets trusted for his fencing make meat so cheaply as some of her auvantages' and attractions which those of Heaven-possibly to be averted by who, after once enjoying them, have pitched their tents elsewhere, and perdrought denied him any corn. What- haps better trained to appreciate than the sons who have never abandoned her soil. No hills are greener, no skies are brighter, no waters purer, no air more bracing than hers: and I do not know that any other State affords a better com-11. Forests .- The green which gave mon school education to the great body this state her beautiful name was that of her sons and daughters than she does : of her primitive forests; I regret that and I gratefully proclaim my indebtedness to her schools for the better part of whatever training in letters and the rudiments of science I received. One of the most eminent of her sons, the late attended our earthly pilgrimage to be

cu. Her past gives assurance and jus-

LETTER FROM MINNESOTA.

I have been particularly impressed with the different modes of opening farms and building homes in the west, especially by the poorer class of people. Many, I think, who live in the old eastern states and never saw any of the pioneers' life, have an incorrect idea of the amount of labor impended, and the many inconveniences it is necessary for one to put up with, to get a home in a new and unsettled country, although it For they're a team that can't be beat, has been cleared by nature of the wood

many who are building homes in the west and thus accumulating wealth in an incredibly short time. Pamphlets alleled inducements offered by the far to a bank, he stepped in and began to I hold that systematic tree-planting west to those who wish to get homes ea- gawk around. area at a moderate cost. Begin by irri- is already in order in Vermont-that sy; but seldom do the writers mention the many who come west, with ideas o on be satisfied that you can do more acres of their crests and steeper hill- gathered from these resources, expect- to be alone in the bank. Of course, New England will never- and still more, until all your land which sides planted with hickory, locust, ing to find farms all ready to plow and do better. But that she might advanta- which you can fill a reservoir shall be your seeds, or young trees a fair start, enough to meet all expenses, pay for "Calves' heads," replied the clerk.

Now I propose to present the subject as nearly as possible, in the same light

First, let us look at the length of head left.' time necessary to reduce the soil and prepare it for the first crop. A person taking a claim in the spring, or early the clerk started after him. summer, can spend the breaking season in turning the wild sod, which will cost him three dollars per acre on smooth prairie, and more in proportion to the number of grubs (roots of small bushes) in the soil. This season lasts until the middle of July when the grass gets too

From this time until cold weather he can work out for from sixteen to very fields on which that wheat grew every field on almost every day, and face of New England is an unalterable and saw a field of perhaps ten acres of builders) would be generously requited sixteen months to get the first crop, stairs."

The remaining time being the poorest working months of the year.

As a return for this labor, he gets for his grain from fifty to ninety cents a bushel and pays the expenses of thrashing, storing, and drawing the grain to market.

Now if a poor man come here, as many do, without the means of buying a team or hiring his breaking done, and material or spends his time keeping catthe same for his debts, now much will the expenses?

The second crop is generally spent to get family provisions, and build a house to live in. Machinery and tools for tilling the soil and securing the crops will take two or more crops, and if the land be a preemption, another crop is used, thus taking five years at least to secure a farm which, under favorable circumstances, will bring from one to three thousand dollars.

To be sure, some clear their farms and become independent at the close of five years; but many have to work an extra two years to prove up on a homestead or pre-emption Trying to get too much land and pay-

ing the high interest allowed in this state are the means of more discontent

and well situated to carry on his farm Foremost in the war for independence, on a profitable scale. But most people and curse the country or go back to tell their sad tale to their eastern cotempo-

G. H. Dewing. Shelbyville, Aug. 31, 1872. Grant's What's the Matter!

Bonfires blaze and cannon What, what's the matter? Waves the good old flag once more, What, what's the matter? We rally round the brave and true-Freedom's battle-cry renew.

Hurrah for Grant and Wilson, too.

That's what's the matter. Grant's what's the matter now Grant's what's the matter ; To victory we're marching now, That's what's the matter.

Listen to the people's voice, What, what's the matter? Grant and Wilson is the choice That's what's the matter; On to Richmond, long ago,

Grant marched, and laid rebellion low, Again to Washington he'll go, That's what's the matter. Grant's what's the matter now

Grant's what's the matter : To victory we're marching now That's what's the matter. Blow the bugle, beat the drum, What, what's the matter?

The year of Jubilee has come, That's what's the matter: Grant and Wilson here we greet All foes before them must retreat That's what's the matter.

Grant's what's the matter now. Grant's what's the matter : To victory we're marching now, That's what's the matter.

A green sort of a chap seeing sights in New York, one day, and coming across

"Well, what do you want?" gruffly inquired stuck-up clerk, who happened "Wal. I dunno," drawled he, "What

"Pshaw! you don't say so!" and then

looking around, he said: "Must be a goll dang good trade." "Why so ?"

"'Cause I see you ain't got but one

He shot out of the door of that bank just in time to dodge an ink-bottle that

A sentimental and spoony youth having in a transport of ardor told his love that "a hundred million years of eternity might pass away and still better would be love her," the young lady naively remarked that at the end of eternity she would reciprocate his at-

An American made himself famous in London on Monday by saving a drowning person in the Thames, under circumstances of great risk and danger.

What agonies must that poet have enbe doubled at a cost far below the price plication of fertilizers, especially of ing and put in his first crop, which will dured who, writing of his love, asserted in his manuscript that he "kissed her under the silent stars," and found that the compositor had made him declare fifty years ago, and consider that the the power is there—that it sweeps over Now the hilly, swampy, irregular sur- years ago, in a time of general drought, ly of that portion usually rejected by ty bushels to the acre. Thus he spends that he "kicked her under the cellar